



JC10 Rec'd PCT/PTO 14 JUN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket: SUGIMURA =5

In re Application of:	)	Conf. No.:
	)	
Kazuhisa SUGIMURA et al	)	
	)	Art Unit:
Appln. No.: 10/527,823 ✓	)	
	)	Examiner:
Filing Date: September 10, 2003)	)	
	)	Washington, D.C.
371(c) Date: March 14, 2005	)	
	)	June 14, 2005
For: HUMAN ANTI-HUMAN MCP-1	)	
ANTIBODY AND...	)	

INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window  
Randolph Building, Mail Stop Amendment  
401 Dulany Street  
Alexandria, VA 22314

Sir:

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

[X] 1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application; and before the mailing date of a first office action on the merits or before the mailing of a first Office action after the filing of a Request for Continued Examination under 37 CFR §1.114.

[X] 2. In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form BN/SB/08A/B) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. Other than U.S. patent(s) and/or published U.S. application(s), which 37 CFR §1.98(a)(2)(ii) does not require to be filed unless specifically required by the Office, a copy of each document listed is attached.

[X] 3. Document(s) AB-AD is/are not in the English language. In accordance with 37 CFR §1.98(a)(3), Applicant states:

[X] An English translation of each document AB-AD (or of the pertinent portions thereof), or a copy of an English-language abstract (or claim) is enclosed.

[X] A concise explanation of the relevance of document(s) AB-AD is found in the attached International search report (see reply to Comment 68 in the preamble to the final rules; 1135 OG 13 at 20).

[ ] A concise explanation of the relevance of document(s) \_\_\_\_\_ is set forth as follows:

[ ] A concise explanation of the relevance of document(s) \_\_\_\_\_ can be found on page(s) \_\_\_\_\_ of the specification.

[ ] A concise explanation of the relevance of document(s) \_\_\_\_\_ can be found on the attached sheet.

[X] 4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

[x] 5. Other information being provided for the examiner's consideration follows:

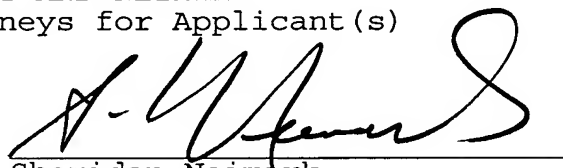
International Search Report

6. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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of 3

**Complete if Known**

Application Number	10/527,823
Filing Date	March 14, 2005
First Named Inventor	Kazuhisa SUGIMURA et al
Group Art Unit	
Examiner Name	
Attorney Docket Number	SUGIMURA =5

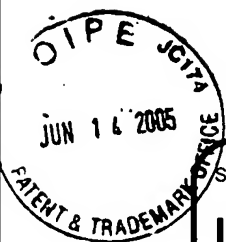
**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	AE	AKAHOSHI, et al, "Expression of monocytes chemotactic and activating factor in rheumatoid arthritis". Arthritis and Rheumatism. (June 1993). 36(6):762-771.	
	AF	BORING, et al, "Decreased lesion formation in CCR2 <sup>-/-</sup> mice reveals a role for chemokines in the initiation of atherosclerosis". Nature. (August 27, 1998). 394:894-897.	
	AG	GONG, et al, "An antagonist of monocytes chemoattractant protein 1 (MCP-1) inhibits arthritis in the MRL- <i>lpr</i> mouse model". J. Exp. Med. (July 7, 1997). 186(1):131-137.	
	AH	GOSLING, et al, "MCP-1 deficiency reduces susceptibility to atherosclerosis in mice that overexpress human apolipoprotein B". Journal of Clinical Investigation. (March 1999). 103(6):773-778.	
	AI	GROB, et al, "Characterization of a receptor for human monocytes-derived neutrophil chemotactic factor interleukin-8". Journal of Biological Chemistry. (May 15, 1990). 265(14):8311-8316.	
	AJ	KAJI, et al, "Analysis of peptide motifs recognized with anti-MCP-1 monoclonal antibodies". Peptide Science. (2000) 33-66.	
	AK	KAJI, et al, "Peptide mimics of monocytes chemoattractant protein-1 (MCP-1) with an antagonistic activity". J. Biochem. (2001). 129:577-583.	
	AL	KOCH, et al, "Enhanced production of monocytes chemoattractant protein-1 in rheumatoid arthritis". Journal of Clinical Investigation. (September 1992). 90:772-229.	
	AM	KURIHARA, et al, "Defects in macrophage recruitment and host defense in mice lacking the CCR2 chemokine receptor". J. Exp. Med. (November 17, 1997).. 186(10):1757-1762.	
	AN	LEI, et al, "Characterization of the <i>Erwinia carotovora pelB</i> gene and its product pectate lyase". Journal of Bacteriology. (Sept. 1987). 169(9):4379-4383.	
	AO	MARKS, et al, "By-passing immunization: human antibodies from V-gene libraries displayed on phage". J. Mol. Biol. (1991). 222:581-597.	
	AP	OGATA, et al, "The role of monocytes chemoattractant protein-1 (MCP-1) in the pathogenesis of collagen-induced arthritis in rats". Journal of Pathology. (1997). 182:106-114.	

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3

of 3

## Complete if Known

Application Number	10/527,823
Filing Date	March 14, 2005
First Named Inventor	Kazuhisa SUGIMURA et al
Group Art Unit	
Examiner Name	
Attorney Docket Number	SUGIMURA =5

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	AQ	SCHRIER, et al, "Role of chemokines and cytokines in a reactivation model of arthritis in rats induced by injection with streptococcal cell walls". Journal of Leukocyte Biology. (March 1998). 63:359-363.	
	AR	SYLVESTER, et al, "Neutrophil attractant protein-1 and monocytes chemoattractant protein-1 in human serum". Journal of Immunology. (September 15, 1993). 151(6):3292-3298.	
	AS	WADA, et al, "Intervention of crescentic glomerulonephritis by antibodies to monocytes chemotactic and activating factor (MCAF/MCP-1)". FASEB J. (1996). 10:1418-1425.	
	AT	YOSHIMURA, et al, "Human monocytes chemoattractant protein-1 (MCP-1): Full-length cDNA cloning, expression in mitogen-stimulated blood mononuclear leukocytes, and sequence similarity to mouse competence gene JE", FEB Letters. (Feb. 1989). 244(2):487-493.	
	AU	YOSHIMURA, et al, "production and characterization of mouse monoclonal antibodies against human monocytes chemoattractant protein-1". Journal of Immunology. (October 1, 1991). 147(7):2229-2233.	
	AV	YOUSSEF, et al, "C-C chemokine-encoding DNA vaccines enhance breakdown of tolerance to their gene products and treat ongoing adjuvant arthritis". Journal of Clinical Investigation. (August 2000). 106(3):361-371.	

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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